Pneumococcal Polysaccharide Powder Type 17F (US Type 17)

201-X™

Description

Purified pneumococcal polysaccharides are manufactured by Merck & Company for small quantity distribution by ATCC. The pneumococcal powders include those types which are components of the current 23-valent vaccine against *Streptococcus pneumoniae*.

Each of the polysaccharide antigens used in the polyvalent vaccine is extracted and purified separately. These vaccine products can be used to assay for type-specific antibodies, research immune responses, and study immunodeficiencies.
Organism: *Streptococcus pneumoniae* (Klein) Chester
Type strain: No
Mass: 10 mg

Storage Conditions

Product format: Frozen
Storage conditions: -20°C or colder

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 1

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ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Handling Procedures

1. Prepare a 2 mg/mL pneumococcal polysaccharide stock solution by adding 1 mL of pyrogen-free distilled water (or other buffer of choice) to 2 mg of pneumococcal polysaccharide.
2. Incubate the suspension for up to two hours at 28°C with gentle stirring on a stir plate to dissolve the polysaccharide.
3. Aliquot the polysaccharide solution and store at -60°C to -80°C.

Notes

This pneumococcal polysaccharide powder is not manufactured by ATCC. It is NOT a sterile product. Antigenicity is verified by the manufacturer.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Pneumococcal Polysaccharide Powder Type 17F (US Type 17) (ATCC

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References

References and other information relating to this material are available at www.atcc.org.

Warranty

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